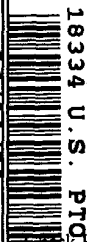


06/24/03



18334 U.S. PTO

**UTILITY PATENT
APPLICATION TRANSMITTAL**(Only for new nonprovisional applications
under 37 CFR 1.53(b))

Attorney Docket No.

030756

Total Pages

First Named Inventor or Application Identifier

**Hidetoshi NAKATA, Makoto SASAKI, Kiyofumi TAKEUCHI
and Haruyoshi TAKATSU**

Express Mail Label No.

Check Box, if applicable [] Duplicate

APPLICATION ELEMENTS FOR:

**METHOD OF INCREASING HELICAL TWISTING
POWER, OPTICALLY ACTIVE COMPOUND,
LIQUID CRYSTAL COMPOSITION CONTAINING
THE SAME, AND LIQUID CRYSTAL DISPLAY
DEVICE**

ADDRESS TO:

Commissioner for Patents
MAIL STOP BOX PATENT APPLICATIONS
Alexandria, VA. 22313-1450

17507 U.S. PTO

10/601803



06/24/03

☒ [XX] Fee Transmittal Form (Incorporated within this form)
(Submit an original and a duplicate for fee processing)2. ☒ [XX] Specification Total Pages [106]3. ☐ [] Drawing(s) (35 USC 113) Total Sheets []4. ☒ [XX] Oath or Declaration Total Pages [3]a. ☒ [XX] Newly executed (original)b. ☐ [] Copy from prior application (37 CFR 1.63(d))
(for continuation/divisional with Box 17 completed).i. ☐ [] Deletion of Inventor(s)Signed statement attached deleting inventor(s) named in prior application,
see 37 CFR 1.63(d)(2) and 1.33(b).5. ☐ [] Incorporation by reference (useable if box 4b is checked)The entire disclosure of the prior application, from which a copy of the oath or declaration is supplied under
Box 4b, is considered as being part of the disclosure of the accompanying application and is hereby
incorporated by reference therein.6. ☐ [] Microfiche Computer Program (Appendix)7. ☐ [] Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)a. ☐ [] Computer Readable Copyb. ☐ [] Paper Copy (identical to computer copy)c. ☐ [] Statement Verifying identity of above copies**ACCOMPANYING APPLICATION PARTS**8. ☒ [XX] Assignment Papers (cover sheet and document(s)) to: **Dainippon Ink and Chemicals, Inc., Tokyo, Japan**
Please publish the assignee data with the application.9. ☐ [] 37 CFR 3.73(b) Statement (when there is an assignee) ☒ [XX] Power of Attorney

UTILITY PATENT APPLICATION TRANSMITTAL

(Only for new nonprovisional applications
under 37 CFR 1.53(b))

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and Haruyoshi TAKATSU**

PAGE 2 OF 3

10. ☐ English translation Document (if applicable)

11. ☒ Information Disclosure Statement ☒ Copies of IDS Citations(PTO-1449 & 4 Ref.)

12. ☐ Preliminary Amendment

13. ☒ Return Receipt Postcard (MPEP 503)

14. ☐ Small Entity Status is claimed.

15. ☒ Claim for Convention Priority ☒ [2] Certified copies of Priority Document are enclosed.

a. Priority of Japanese Application No. 2002-189821 filed on June 28, 2002 is claimed under 35 USC 119.

b. Priority of Japanese Application No. 2002-285617 filed on September 30, 2002 is claimed under 35 USC 119.

16. ☐ Other _____

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐ Continuation ☐ Division ☐ Continuation-in-part (CIP) of prior application no. ____/____

FEE TRANSMITTAL	Number Filed	Number Extra	Rate	Basic Fee
The filing fee is calculated below				\$750.00
Total Claims	25 - 20	5	x \$18.00	\$90.00
Independent Claims	2 - 3		x \$84.00	
Multiple Dependent Claims			\$280.00	\$280.00
Basic Filing Fee				\$1120.00
Reduction by 1/2 for small entity				
Fee for recording enclosed Assignment			\$40.00	\$40.00
TOTAL				\$1160.00

**UTILITY PATENT
APPLICATION TRANSMITTAL**

(Only for new nonprovisional applications
under 37 CFR 1.53(b))

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PAGE 3 OF 3

[XX] A check in the amount of \$1160.00 is enclosed to cover the filing fee of \$750.00; \$90.00 for 5 additional claims; \$280.00 for multiple dependent claims and the assignment recordation fee of \$40.00.

[] Please charge our Deposit Account No. 01-2340 in the total amount of _____ to cover the filing fee and the _____ assignment recordation fee. A duplicate of this sheet is attached.

[X] The Commissioner is hereby authorized to charge payment for any additional filing fees required under 37 CFR 1.16 or credit any overpayment to Deposit Account No. 01-2340. A duplicate of this sheet is attached.

18. CORRESPONDENCE ADDRESS:



23850

PATENT TRADEMARK OFFICE

SUBMITTED BY

Typed or Printed Name Donald W. Hanson

Reg. No. 27,133

Signature

Date: June 24, 2003

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